

ABSTRACT

This invention provides a method to effectively incorporate inorganic fluorescent substance or inorganic contrast medium into latex polymer particles which are used for diagnostic test or the like, and also provides thus produced fluorescent substance-containing latex polymer particles which show decreased non-specific adsorption of protein or the like. Said latex polymer particles are produced by making latex-forming monomer, macromer which has at least a hydrophilic polymer segment and an inorganic fluorescent substance or an inorganic contrast medium co-existent simultaneously in an aqueous medium, and subjecting them to a polymerization reaction.